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CLIPPEDIMAGE= JP408222682A

PAT-NO: JP408222682A

DOCUMENT-IDENTIFIER: JP 08222682 A

TITLE: LEAD FRAME AND MANUFACTURING METHOD THEREOF

PUBN-DATE: August 30, 1996

INVENTOR-INFORMATION:

YAMADA, JUNICHI
KAMI, TOMOE
SASAKI, MASARU

ASSIGNEE-INFORMATION:

NAME
DAINIPPON PRINTING CO LTD

COUNTRY
N/A

APPL-NO: JP07047919

APPL-DATE: February 14, 1995

INT-CL (IPC): H01L023/50;H01L021/60

ABSTRACT:

PURPOSE: To provide a lead frame adaptable to multi-terminal design of semiconductor devices and after-process such as assembling and mounting steps by making one face of the top end of each inner lead parallel to the faces of other parts thereof and the other three faces thereof recessed.

CONSTITUTION: A lead frame 10 for resin-sealed semiconductor devices mounts a semiconductor element on inner lead tip parts 11A through bumps and electrically connects it to external circuits by outer leads 12 integrated with inner leads 11. The tip part 11A is thinner than other parts of the frame 10 and nearly rectangular in cross-section. One face of the

part 11A is parallel
to other parts faces of the frame 10 and other three faces
of the lead 11 are
made recessed.

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